

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 109 22422

Approval Date: 05/07/2014

Expiration Date: 11/07/2014

Directional Hole  
Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 14N Rge: 1E

County: OKLAHOMA

SPOT LOCATION: ☐ NW ☐ SE ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 485 635

Lease Name: BUCKINGHAM

Well No: 1-30HC

Well will be 485 feet from nearest unit or lease boundary.

Operator  
Name: NEW DOMINION LLC

Telephone: 9185876242

OTC/OCC Number: 20585 0

NEW DOMINION LLC  
1307 S BOULDER AVE STE 400  
TULSA, OK 74119-3220

JAMES O. PARTIN  
16821 NE 178TH ST.  
LUTHER OK 73054

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 CLEVELAND	4370	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 624092

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201403127

Special Orders:

Total Depth: 9854

Ground Elevation: 923

**Surface Casing: 540**

Depth to base of Treatable Water-Bearing FM: 490

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 1500

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-27090

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

DIRECTIONAL HOLE 1

Sec 30 Twp 14N Rge 1E County OKLAHOMA

Spot Location of End Point: SW NE SE SE

Feet From: SOUTH 1/4 Section Line: 699

Feet From: EAST 1/4 Section Line: 560

Measured Total Depth: 5597

True Vertical Depth: 5001

End Point Location from Lease,

Unit, or Property Line: 560

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 30 Twp 14N Rge 1E County OKLAHOMA

Spot Location of End Point: W2 NE NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 588

Depth of Deviation: 4132

Radius of Turn: 746

Direction: 1

Total Length: 4550

Measured Total Depth: 9854

True Vertical Depth: 4754

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category

Description

PENDING CD - 201403127

5/7/2014 - G75 - (E.O.) E2 30-14N-1E  
X624092 CLVD, OTHER  
SHL 485 FSL, 635 FEL  
BHL SUMP NCT 330 FSL, NCT 330 FEL  
FIRST PERF NCT 330 FSL, NCT 330 FEL  
LAST PERF NCT 330 FNL, NCT 330 FEL  
NEW DOMINION, LLC  
REC 5-6-2014 (JOHNSON)

SPACING - 624092

4/30/2014 - G75 - (320) E2 30-14N-1E SU NCT 660' NE4  
VAC OTHERS  
VAC 368223 CLVDU, JNSLC E2  
EXT 585291 CLVD, OTHER

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109 22422 BUCKINGHAM 1-30HC